

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A communication receiver, comprising:
  - a low pass filter that filters a base band signal to produce on-channel received samples by removing out-of-channel signals from the baseband signal; [[and]]
  - a processor that processes said base band signal to produce out-of-channel received samples [[of]] based on the out-of-channel signals, the out-of-channel received samples including pilot information; and ~~one or more received signals,~~
  - a searcher that is configured to search for hard handoff candidate frequencies using the pilot information,
  - wherein said ~~received out-of-channel~~ signals ~~being~~ are outside a frequency bandwidth associated with said base band signal.
2. (Previously Presented) The receiver as recited in claim 1, further comprising:
  - a receiver back-end portion that:
    - processes said on-channel and out-of-channel received samples essentially at the same time to decode said on-channel received samples, and
    - determines at least one of a link quality and global positioning system originated information of said out-of-channel received samples.
3. (Previously Presented) The receiver as recited in claim 1, further comprising:
  - a frequency source that generates a first signal at essentially the same frequency as an on-channel frequency; and
  - a multiplier that mixes an amplified, received signal and the first signal to produce the base band signal.
4. (Currently Amended) The receiver as recited in claim 1, further comprising:

a low noise amplifier that amplifies a received signal comprising an on-channel signal and the out-of-channel signals.

5. (Currently Amended) The receiver as recited in claim 2, wherein said receiver back-end portion includes:

a number of fingers and a searcher for processing said on-channel and said out-of-channel received samples.

6-20. (Canceled).

21. (Currently Amended) A communications receiver, comprising:

means for receiving a first signal comprising an on-channel signal and out-of-channel signals;

means for mixing the first signal with a second signal at essentially the same frequency as an on-channel frequency to produce a base band signal;

means for filtering said base band signal to produce on-channel received samples by removing out-of-channel signals from the baseband signal; [[and]]

means for processing said base band signal to produce out-of-channel received samples [[of]] based on said out-of-channel signals, the out-of-channel received samples including pilot information; and

means for searching for hard handoff candidate frequencies using the pilot information, wherein said out-of-channel signals ~~being~~ are outside a frequency bandwidth associated with said base band signal.

22. (Currently Amended) A communication receiver, comprising:

a low noise amplifier that amplifies a received signal comprising an on-channel signal and out-of-channel signals;

a frequency source that generates a first signal at essentially the same frequency as an on-channel frequency;

a multiplier that mixes the amplified, received signal and the first signal to produce a base band signal;

a low pass filter that filters said base band signal to produce on-channel received samples by removing out-of-channel signals from the baseband signal; [[and]]

a processor that processes said base band signal to produce out-of-channel received samples based on the out-of-channel signals, the out-of-channel received samples including pilot information; and that can be used to search for pilots of candidate frequencies.

a searcher that is configured to search for hard handoff candidate frequencies using the pilot information.

23. (Currently Amended) A communication method, comprising:

receiving a first signal comprising an on-channel signal and out-of-channel signals;

mixing the first signal with a second signal at essentially the same frequency as an on-channel frequency to produce a base band signal;

filtering said base band signal to produce on-channel received samples by removing out-of-channel signals from the base band signal; [[and]]

processing said base band signal to produce out-of-channel received samples based on the out-of-channel signals, the out-of-channel received samples including pilot information; and [[.]]

searching for hard handoff candidate frequencies using the pilot information.

~~wherein the out-of-channel received samples include pilot information for possible candidate frequencies that can be used to search for pilots of candidate frequencies.~~

24. (Currently Amended) A communication receiver, comprising:

means for filtering a base band signal to produce on-channel received samples by removing out-of-channel signals from the base band signal; [[and]]

means for processing said base band signal to produce out-of-channel received samples based on the out-of-channel signals, the out-of-channel received samples including pilot information; and that can be used to search for pilots of candidate frequencies.

means for searching for hard handoff candidate frequencies using the pilot information.

25. (Currently Amended) The receiver as recited in claim 24, further comprising:  
means for processing the on-channel and the out-of-channel received samples essentially at the same time to decode said on-channel received samples, and ~~that~~ means for determining that at least one of a link quality and global positioning system originated information of said out-of-channel received samples.
26. (Previously Presented) The receiver as recited in claim 24, further comprising:  
means for generating a first signal at essentially the same frequency as an on-channel frequency; and  
means for mixing the received signal and the first signal to produce a base band signal.
27. (Currently Amended) The receiver as recited in claim 24, further comprising:  
means for amplifying a received signal comprising an on-channel signal and the out-of-channel signals.
28. (Previously Presented) The receiver as recited in claim 25, wherein the means for processing comprises:  
a plurality of fingers; and  
a searcher for processing said on-channel and out-of-channel received samples.
29. (Currently Amended) A method, comprising:  
amplifying a received signal comprising an on-channel signal and out-of-channel ~~signals~~ signals;  
generating a first signal at essentially the same frequency as an on-channel frequency;  
mixing the amplified, received signal and the first signal to produce a base band signal;  
filtering the base band signal to produce on-channel received samples by removing out-of-channel signals from the baseband signal; [[and]]

processing said base band signal to produce out-of-channel received samples [[of]] based on said out-of-channel signals, the out-of-channel received samples including pilot information; and  
searching for hard handoff candidate frequencies using the pilot information,  
wherein said out-of-channel signals ~~being~~ are outside a frequency bandwidth associated with said base band signal.

30. (Previously Presented) The method as recited in claim 29, further comprising:  
wherein filtering and processing takes place at essentially at the same time.
31. (Previously Presented) The method as recited in claim 29, further comprising:  
determining at least one of a link quality and global positioning system originated information based on said out-of-channel received samples.
32. (Canceled)